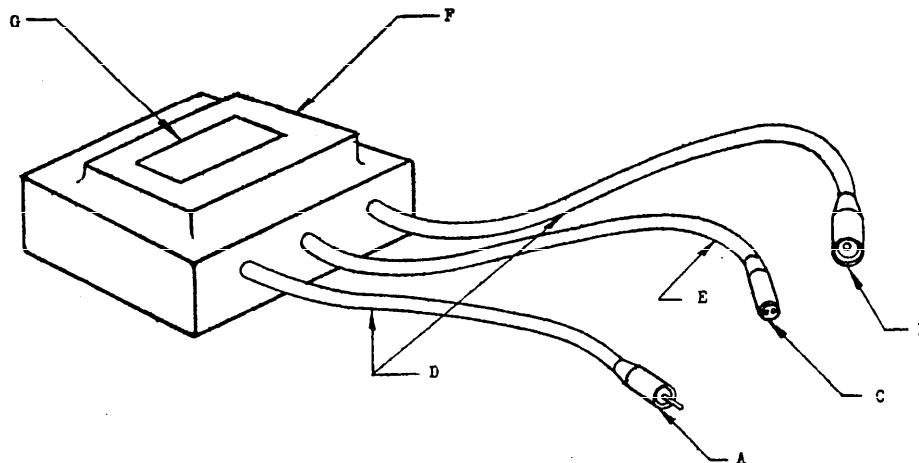


FED. SUP CLASS
5950

ELECTRICAL CHARACTERISTICS

FRI AMP	FRI PWR FACTOR MIN %	EFFICIENCY MIN %	MAX SEC VOLTS RMS	SECONDARY AMPS (A)	LOAD (A)
20.	95	90		6.53-6.67	12.0 OHMS (a)
20				6.6 -7.1	SHORT CIRCUITED
20			230	0	OPEN CIRCUITED
15.8				5.1 -5.4	10.0 OHMS (a)
12.4				4.0 -4.3	8.3 OHMS (a)
10.3				3.3 -3.6	7.0 OHMS (a)
8.5				2.7 -3.0	6.0 OHMS (a)

(a) THE LOAD MAY BE EITHER A 500W, 6.6A LAMP OR THE OHMIC RESISTANCE SPECIFIED.

A PLUG FIGURE 6a FAA SPECIFICATION L-823.

B RECEPTACLE FIGURE 6b FAA SPECIFICATION L-823.

C RECEPTACLE FIGURE 1c FAA SPECIFICATION L-823.

D PRIMARY CABLE.

E SECONDARY CABLE.

F CASE.

G IDENTIFICATION MARKING (LOCATION OPTIONAL).

PART NO.	LEAD LENGTH INCHES	
	D	E
MS27133-1	30 ±3	54 ±3

IN COMPUTING EFFICIENCY, CORRECTION SHALL BE MADE FOR LEAD LOSSES.

MAXIMUM WEIGHT 25 POUNDS.

DIMENSIONS IN INCHES.

FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.P.A. USAP - 11
Other Cust
Navy - WP

TITLE

TRANSFORMER, POWER, ISOLATION; AIRPORT LIGHTING,
500W/20A/6.6A/500W

MILITARY STANDARD

MS27133(ASG)

PROCUREMENT SPECIFICATION SUPERSEDES:

SHEET OF

Review activities - 85, 11
Navy - WPstandard approved by the NS (Department of the Air Force) and the
Department of the Navy and is mandatory for use by
activity. All other military activities are required
to use this standard where suitable.APPROVED 35 May 64
REVISED 18 Aug 65